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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/618,942	07/15/2003	Andrea L. Pettingill	STU930	6618
7590	06/23/2004			
Sean A. Kaufhold, P.O. Box 131447 Carlsbad, CA 92013				EXAMINER
				WALSH, JOHN B
			ART UNIT	PAPER NUMBER
			3676	

DATE MAILED: 06/23/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/618,942	PETTINGILL ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	John B. Walsh	3676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is **FINAL**.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1 is/are rejected.
- 7) Claim(s) 2-7 is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 15 July 2003 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 7/15/2003.
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_.

**DETAILED ACTION**

***Claim Objections***

1. Claims 1 and 7 are objected to because of the following informalities: Claims 1 and 7 recite "said first and second ends may be selectively extended". The term "may be" is overly broad since it does not clearly define the meets and bounds of the claims and the examiner cannot be certain if applicant intends to claim the limitations following the term "maybe". Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,134,866 to Bethards.

Bethards '866 discloses a wheel lock device for selectively locking on a wheel rim, said device comprising: an elongated member (63) having a first end (figure 1; right end) and a second end (figure 1; left end), said elongated member having a first side (side facing 61) and a second side positioned opposite of each other; a first arm (60) being attached to said first side and extending away therefrom, said first arm being orientated generally perpendicular to said elongated member, said first arm being positioned adjacent to said first end, a foot (61) being attached to free end of said first arm, said foot extending in a same direction as said first end

(first end extends from right to left as does the foot 61); a sleeve (11) being positioned on said elongated member and being selectively movable between said first end and said second end, said sleeve having an upper wall, a bottom wall, an inner wall and an outer wall, said inner wall being positioned adjacent to said first side; an urging member (41) being mounted in said outer wall (figure 1; wall reference numeral 11 points to) for selectively biasing said outer wall away from said elongated member (when unlocked said outer wall will move along with the sleeve 11 in a direction away from the elongated member which is to the left in figure 1 since if allowed to keep extending outward in this direction the outer wall would be completely away from the elongated member), a second arm (50) being attached to an outer surface of said inner wall and extending in a same direction as said first arm, a foot (51) being attached to a free end of said second arm, said foot extending in a same direction as second end (second end extends from right to left as does the foot 51); and wherein said first and second legs may be selectively extended into openings in the wheel rim and said second leg moved away from said first leg such that said first and second legs engage the rim (figure 5).

***Allowable Subject Matter***

4. Claims 2-6 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
5. Claim 7 would be allowed if rewritten to overcome the claim objection stated above.

***Conclusion***

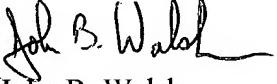
6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Openiano '185 discloses feet that extend in a same direction as a first and second end.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John B. Walsh whose telephone number is 703-305-0444. The examiner can normally be reached on Monday-Friday from 8:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dan Stodola can be reached on 703-308-2686. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



John B. Walsh  
Primary Examiner  
Technology Center 3670